



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned, Nokia Corporation, is the assignee of the entire right, title and interest of the issued U.S. patents and pending patent applications identified in the attached appendix, by virtue of properly recorded assignment, from the inventors. The Assignments were recorded in the United States Patent & Trademark Office the reel and frame numbers as indicated. The assignee, through the undersigned representative, hereby revokes any and all powers of attorney heretofore granted and hereby appoints the firm of:



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PATENT TRADEMARK OFFICE

Customer Number 32294
SQUIRE, SANDERS & DEMPSEY LLP
14TH Floor
8000 Towers Crescent Drive
Tysons Corner, Virginia 22182-2700
Telephone: 703-720-7800
Fax: 703-720-7802

and individually the partners and associates thereof:

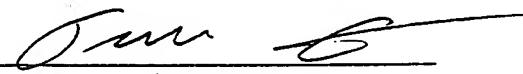
Douglas H. Goldhush, Reg. No. 33,125; Kevin F. Turner, Reg. No. 43,437;
Dinnatia J. Doster, Reg. No. 45,268; Sam Huang, Reg. No. 48,430; Rhonda L.
Barton, Reg. No. 47,271; Marc A. Sockol, Reg. No. 40,823; Vidya R. Bhakar,
Reg. No. 42,323; Daryl C. Josephson, Reg. No. 37,365; Cameron Kerrigan,

Reg. No. 44,826; David B. Abel, Reg. No. 32,394; Nathan Lane, Reg. No. 43,738; Lorinda Howland, Reg. No. 42,671; Michael Lechter, Reg. No. 27,350; David Rogers, Reg. No. 38,287; William Bachand, Reg. No. 34,980; Aaron Wininger, Reg. No. 45,229; Paul A. Durdik, Reg. No. 37,819; Paul J. Meyer 47,791; David A. Levine, Reg. No. 48,821; Victor Repkin, Reg. No. 45,039; and Victoria L. Nicholson, Reg. No. 47,823.

as attorneys to prosecute the applications and to transact all business in the Patent and Trademark Office connected therewith, and with the issued patents. It is respectfully requested that the records of the United States Patent & Trademark Office be updated to reflect this information, and that all correspondence be sent to the address indicated above.

NOKIA CORPORATION

Date: 2.1.2003

By: 
(Signature)

Tommi Lehtinen
(Name)

IPR Manager
(Title)

SSD Case No.	Assignee	Application No.	Filing Date	Patent No.	Issue Date	Reel/Frame	Recordation Date
5964300042	Nokia Corporation	10/015,134	10-Dec-2001			012585/0847	07-Feb-2002
5964300050	Nokia Corporation	09/557,999	24-Apr-2000			Unknown	12-Dec-2002
5964300054	Nokia Corporation	09/717,534	21-Nov-2000	011329/0802	21-Nov-2000		
5964300071	Nokia Corporation	09/977,269	12-Oct-2001	012599/0624	08-Feb-2002		
5964300121	Nokia Corporation	09/864,554	23-May-2001			012427/0960	03-Jan-2002
5964300124	Nokia Corporation	09/876,560	07-Jun-2001			012144/0450	07-Sep-2001
5964300127	Nokia Corporation	09/892,174	26-Jun-2001			012442/0647	07-Jan-2002
5964300130	Nokia Corporation	09/999,712	30-Oct-2001			012348/0003	30-Oct-2001
5964300131	Nokia Corporation	10/042,671	09-Jan-2002			012477/0329	09-Jan-2002
5964300134	Nokia Corporation	10/013,257	06-Nov-2001			012381/0419	06-Nov-2001
5964300135	Nokia Corporation	10/013,892	10-Dec-2001			012380/0946	10-Dec-2001
5964300136	Nokia Corporation	10/013,634	10-Dec-2001			012392/0785	10-Dec-2001
5964300137	Nokia Corporation	10/008,435	13-Nov-2001			012367/0698	13-Nov-2001
5964300138	Nokia Corporation	10/015,131	10-Dec-2001			012646/0746	31-Jan-2002
5964300139	Nokia Corporation	10/028,950	18-Dec-2001			012649/0909	25-Feb-2002
5964300140	Nokia Corporation	09/994,034	23-Nov-2001			012327/0349	23-Nov-2001
5964300141	Nokia Corporation	10/017,888	12-Dec-2001			012389/0482	12-Dec-2001
5964300142	Nokia Corporation	10/181,173	15-Jul-2002			013284/0154	15-Jul-2002
5964300143	Nokia Corporation	10/050,306	15-Jan-2002			012516/0110	15-Jan-2002
5964300144	Nokia Corporation	10/047,375	14-Jan-2002			012777/0488	27-Mar-2002
5964300160	Nokia Corporation	09/566,438	08-May-2000			011059/0243	17-Aug-2000
5964300195	Nokia Corporation	09/997,769	29-Nov-2001			012344/0014	29-Nov-2001
5964300202	Nokia Corporation	09/558,008	24-Apr-2000			011051/0374	11-Aug-2000
6027900007	Nokia Corporation	09/363,102	29-Jul-1999	6,434,377	13-Aug-2002	013053/0396	01-Jul-2002
6028200004	Nokia Corporation	09/464,335	15-Dec-1999			011438/0360	09-Jan-2001
6028200035	Nokia Corporation	09/1870,141	30-May-2001			012223/0570	02-Oct-2001
6028200043	Nokia Corporation	09/905,463	13-Jul-2001			012398/0960	27-Dec-2001
6028200061	Nokia Corporation	10/001,156	01-Nov-2001			012579/0313	08-Feb-2002
6028200065	Nokia Corporation	10/014,153	06-Nov-2001			012613/0619	12-Feb-2002
6028200066	Nokia Corporation	10/014,777	29-Oct-2001			012646/0133	26-Feb-2002
6028200067	Nokia Corporation	10/036,878	31-Oct-2001			012646/0041	26-Feb-2002
6028200068	Nokia Corporation	10/037,349	25-Oct-2001			012649/0516	26-Feb-2002
6028200069	Nokia Corporation	10/045,323	25-Oct-2001			012772/0430	01-Apr-2002